FIG. 1A

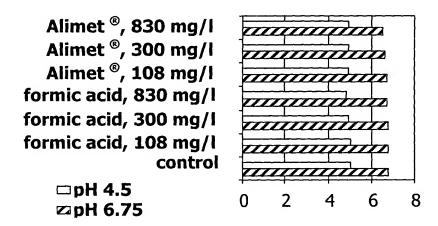


FIG. 1B

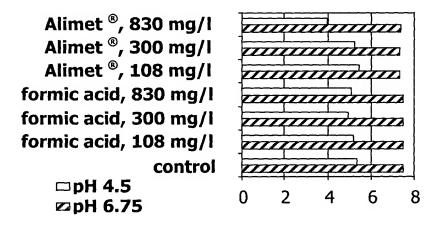


FIG. 1C

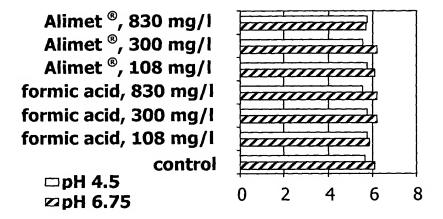


FIG. 1D

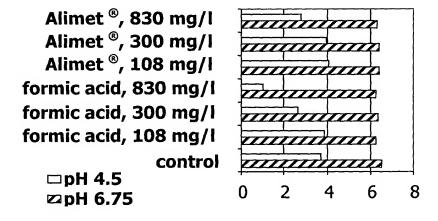
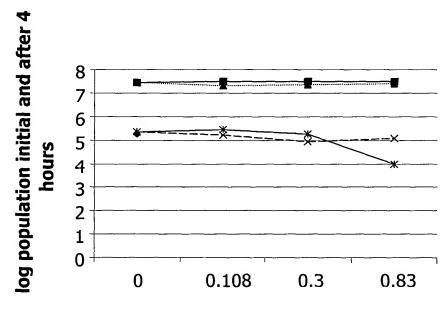


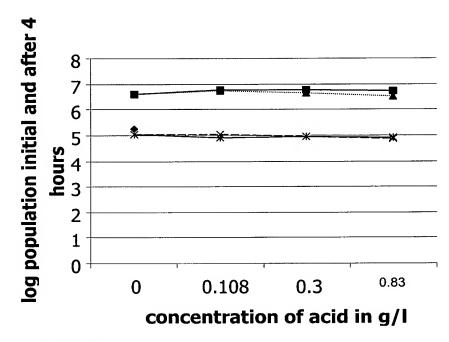
FIG. 2A



concentration of acid in g/l

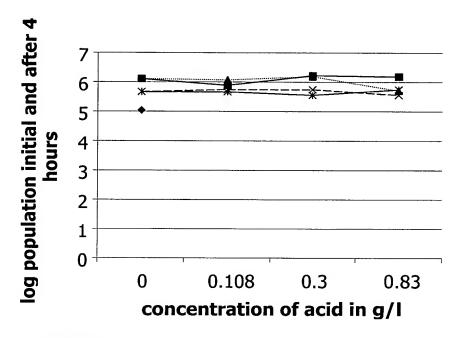
- --- control
- **■** formic 6.75
- → HMB 6.75
- -*- formic **4.5**
- * HMB 4.5

FIG. 2B



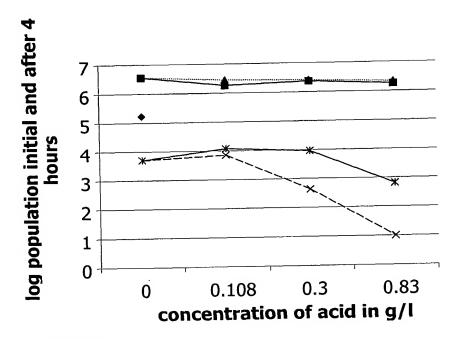
- → control
- **--** formic 6.75
- **HMB** 6.75
- -*- formic **4.5**
- **-***− HMB 4.5

FIG. 2C



- ---- control
- -**-** formic 6.75
- HMB 6.75
- -×- formic 4.5
- *HMB 4.5

FIG. 2D



- **←**control
- -formic 6.75
- HMB 6.75
 ---- formic 4.5
- -*- HMB 4.5

FIG. 3

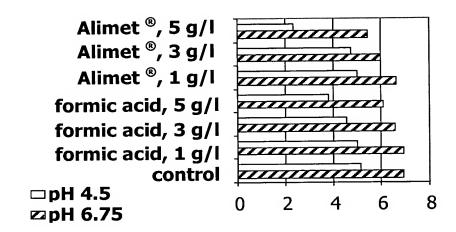


FIG. 4A

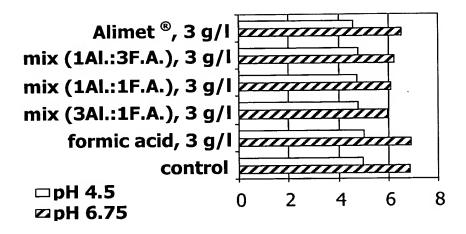


FIG. 4B

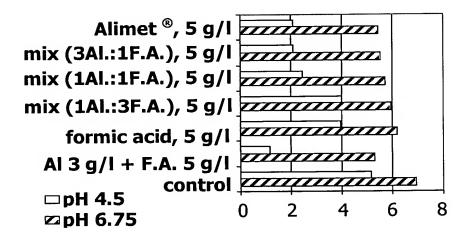
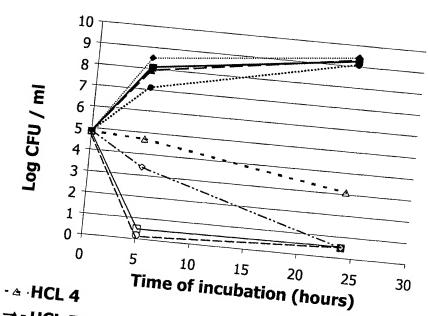
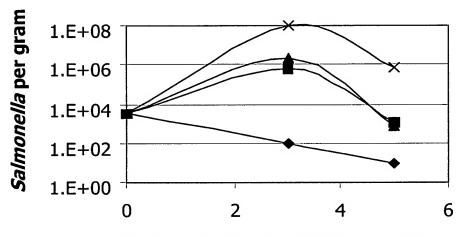


FIG. 5



- →-HCL 7.3
- ⊞НМВ 4
- -HMB 7.3
- → FOR 4
- FOR 7.3
- °-LAC 4
- LAC 7.3

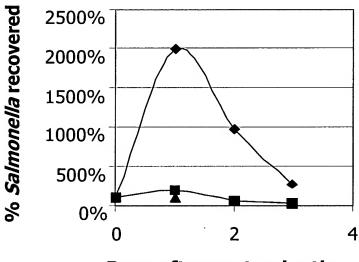
FIG. 6



Days after Salmonella inoculation

- **→** 10%
- **--**■-- 20%
- _▲_30%

FIG. 7



Days after contamination

- → control
- **→** Alimet [®] 0.69%

FIG. 8

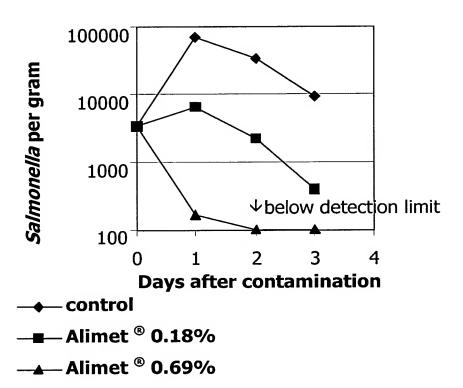


FIG. 9

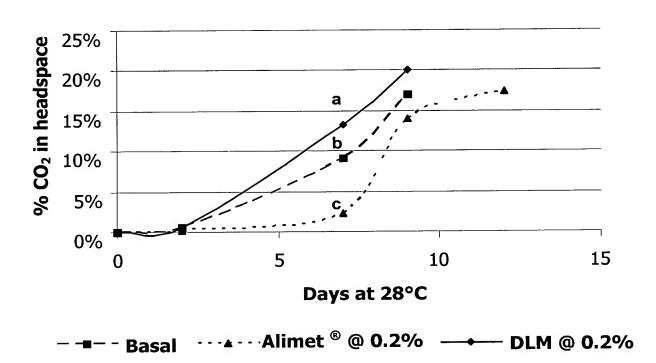
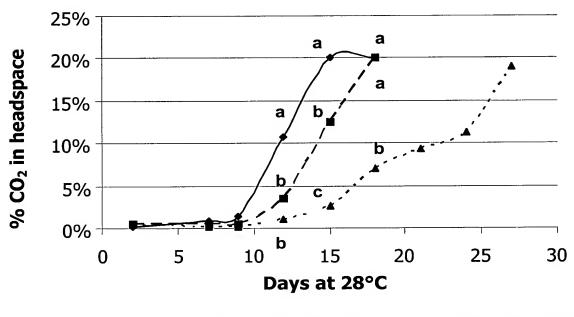


FIG. 10



- --- Basal ···- Alimet ® @ 0.2% --- DLM @ 0.2%

FIG. 11

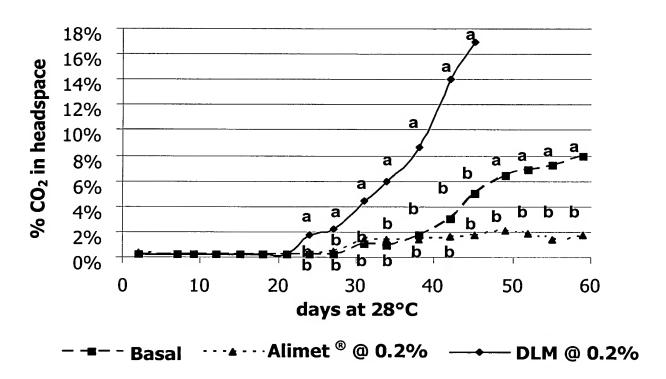


FIG. 12

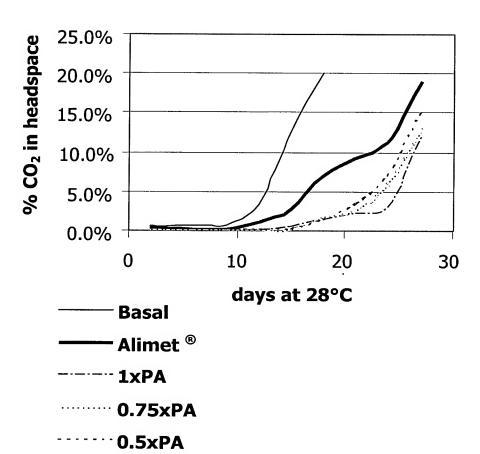
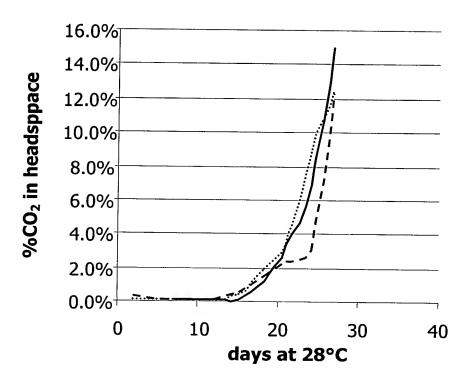
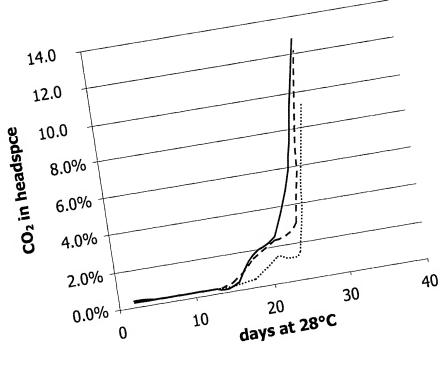


FIG. 13



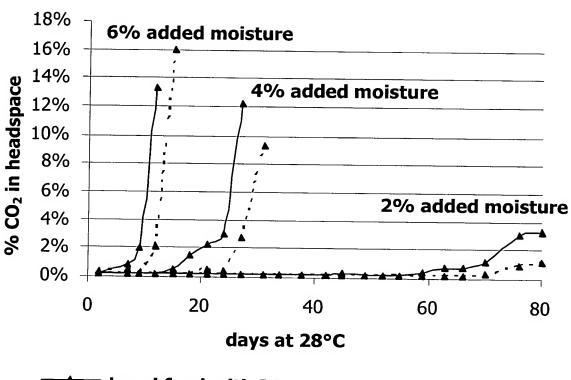
--- 1x PA ----- 0.5x PA ----- 0.5x PA + Alimet [®]

FIG. 14



---- 1x PA ---- 0.75x PA0.75x PA + Alimet ®

FIG. 15



basal feed with PA
basal feed with PA + Alimet®